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Canada Agriculture, Dept. of

Government
Publications

DIRECTORY OF ORGANIZATION AND ACTIVITIES

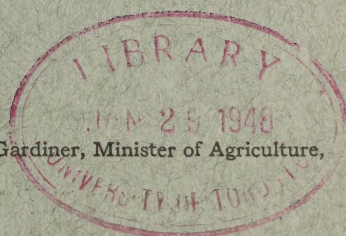
OF THE
DOMINION DEPARTMENT OF AGRICULTURE

REVISED JUNE, 1947



Published by authority of the Right Hon. James G. Gardiner, Minister of Agriculture,
Ottawa, Canada

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CONTENTS

	PAGE
INTRODUCTION.....	5
ADMINISTRATION SERVICE.....	5
Publicity and Extension Division.....	5
SCIENCE SERVICE.....	6
Administration.....	6
Division of Animal Pathology.....	6
Division of Bacteriology and Dairy Research.....	7
Division of Botany and Plant Pathology.....	7
Division of Chemistry.....	11
Division of Entomology.....	12
Division of Plant Protection.....	15
EXPERIMENTAL FARMS SERVICE.....	17
Administration.....	17
Animal Husbandry Division.....	18
Bee Division.....	18
Cereal Division.....	18
Fibre Division.....	19
Field Husbandry Division.....	19
Forage Plants Division.....	19
Horticulture Division.....	20
Illustration Stations Division.....	20
Poultry Division.....	21
Tobacco Division.....	21
Branch Farms and Stations.....	21
PRODUCTION SERVICE.....	25
Administration.....	25
Health of Animals Division.....	25
Livestock and Poultry Division.....	26
Plant Products Division.....	27
MARKETING SERVICE.....	29
Administration.....	29
Overseas Office.....	29
Markets Information Section.....	29
Consumer Section.....	30
Dairy Products Division.....	30
Fruit and Vegetable Division.....	33
Livestock and Livestock Products Division.....	34
Agricultural Economics Division.....	37
PRAIRIE FARM REHABILITATION ORGANIZATION.....	37
PRAIRIE FARM ASSISTANCE ORGANIZATION.....	38

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INTRODUCTION

The Dominion Department of Agriculture was constituted in 1868. At that time its functions included such matters as immigration, public health, arts and manufactures, census, statistics, patents, copyrights and trade marks, in addition to the administration of agricultural affairs. In the course of time the growing importance of agriculture demanded the full attention of the Department and matters not directly related to agriculture were placed elsewhere. To meet the demands of the industry the departmental organization has been altered from time to time and at present the Department is constituted on the basis of five subdivisions, Administration Service, Science Service, Experimental Farms Service, Production Service, and Marketing Service. This arrangement, which was brought about in 1937, carries out the principle of bringing under one administrative head activities similar in character and purpose in the broad fields of work with respect to the marketing of agricultural products, their production from a national standpoint and the experimental and scientific investigations in connection therewith.

The Administration Service comes directly under the supervision of the Deputy Minister, while each of the other Services is headed by a Director to whom the heads of the various divisions report. Administrative units within the Services look after centralized accounting and personnel records together with any other matters which are of common concern to all the divisions.

This Directory has been published for the convenience of the public in dealing with the staffs of the various departmental services.

ADMINISTRATION SERVICE

DEPUTY MINISTER—G. S. H. BARTON

Attached to the administrative unit of the department are the departmental library, the supplies staff, the personnel and filing staffs, and the Publicity and Extension Division in which are consolidated all of the activities involved in the editing and distribution of departmental publications, general press and radio service and departmental exhibits at fairs and exhibitions.

Deputy Minister.....	G. S. H. Barton
Assistant Deputy Minister.....	J. G. Bouchard
General Executive Assistant.....	S. R. N. Hodgins
Executive Assistant.....	E. F. Steele
Chief Supplies Officer.....	D. L. Burgess
Librarian.....	I. J. Cummings (Acting)

PUBLICITY AND EXTENSION DIVISION

Director of Publicity and Extension.....	F. C. Nunnick
Chief, Press Service.....	F. James
Chief, Administrative and Editorial.....	J. S. McGiffin
Publicity Writer and Editor.....	R. B. W. Marven
Publicity Editor.....	J. R. Peet
Chief, Exhibits.....	J. H. Leroux
Assistant Chief, Exhibits.....	H. S. Tewsley

SCIENCE SERVICE

DIRECTOR—K. W. NEATBY

The Science Service includes the Divisions of Animal Pathology, Bacteriology and Dairy Research, Botany and Plant Pathology, Chemistry, Entomology and Plant Protection.

The work of the Service is directed toward the solution of practical problems of agriculture, through the application of the results of scientific investigations. It deals with problems relating to the ravages of insect pests and diseases affecting plants and animals, the deterioration of plant and animal products through invasion of fungi and bacteria, the nutritional requirements of animals and plants, and the chemistry and microbiology of soils and dairy products. The work in the various laboratories of the Science Service is co-ordinated with the research work undertaken by the National Research Council, and by universities and agricultural colleges.

ADMINISTRATION

Ottawa

Director.....	K. W. Neatby
Associate Director and Dominion Botanist and Plant Pathologist.....	J. H. Craigie
Associate Director and Dominion Animal Pathologist.....	C. A. Mitchell
Assistant Director and Dominion Entomologist.....	H. G. Crawford
Research Adviser to Director.....	W. E. van Steenburgh
Assistant to Director.....	H. L. Trueman

DIVISION OF ANIMAL PATHOLOGY

This division conducts research and experimental studies relating to animal diseases, engages in the manufacture of biological products (prophylactic and diagnostic) and related investigations, performs laboratory diagnosis relative to infectious and non-infectious disease; also general laboratory services.

The Animal Diseases Research Institute at Hull, Que., is the research centre and headquarters of the division. In conjunction with, and under the direction of the Institute, branch laboratories are maintained at the Central Experimental Farm, Ottawa, Ont.; Lethbridge, Alta.; Saanichton, B.C. and Macdonald College, Que.

Animal Diseases Research Institute, Hull, Que.

Dominion Animal Pathologist and Chief of Division....	C. A. Mitchell
Assistant Chief of Division.....	C. W. McIntosh
Chief Research Officer (Swine and Poultry Diseases)....	R. Gwatkin
Histopathologist.....	P. J. G. Plummer
Serologist.....	C. E. Rice
Parasitologist.....	W. E. Swales
Virologist.....	R. V. L. Walker
Bacteriologist.....	J. L. Byrne
Head of Unit (Biological Products).....	H. Konst
Associate Animal Pathologist.....	T. Moore
Assistant Animal Pathologist (Routine Serology).....	C. Mackie
Assistant Animal Pathologist (Bovine Mastitis Investigation).....	J. W. Pullin

Ontario

Poultry Pathology Laboratory—Ottawa

Officer-in-Charge.....	A. B. Wickware
Assistant Animal Pathologist.....	E. W. Bond

Alberta

Veterinary Research Laboratory—Lethbridge

Officer-in-Charge.....	R. C. Duthie
Assistant Animal Pathologist.....	Vacant

British Columbia*Pathological Laboratory—Saanichton*

Officer-in-Charge.....E. A. Bruce

Pathological Laboratory—Vancouver

Officer-in-Charge.....I. W. Moynihan

Quebec*Veterinary Parasitology, within Institute of Parasitology,
Macdonald College*

Officer-in-Charge.....W. E. Swales

DIVISION OF BACTERIOLOGY AND DAIRY RESEARCH

This division conducts research in the fields of dairying, food and soil microbiology, and general agricultural bacteriology. Major attention is given to the improvement of quality in milk, butter and cheese, to problems of food preservation, and to fundamental studies on soil micro-organisms in connection with soil fertility and soil-borne plant diseases.

Direct services include the bacteriological analysis of samples submitted by other divisions and the preparation of seed inoculants for departmental projects. Control work involves the determination of quality of products within the scope of Acts and Regulations administered by the Department.

Ottawa*Central Experimental Farm*

Dominion Agricultural Bacteriologist and Chief of

Division.....A. G. Lochhead

Chief, Dairy Research.....E. G. Hood

Bacteriologist (Food Microbiology).....C. K. Johns

Associate in Dairy Research.....A. H. White

Associate Bacteriologist (Soil Microbiology).....M. I. Timonin

Associate Bacteriologist (General Agricultural
Bacteriology, Soils).....H. Katznelson

Assistant Bacteriologist (Soil Microbiology).....R. H. Thexton

Assistant Bacteriologist (Food Microbiology).....A. H. Jones

Assistant Bacteriologist (General Agricultural
Bacteriology).....G. B. Landarkin**Ontario***Dominion Laboratory of Plant Pathology, St. Catharines*

Assistant Bacteriologist (Soil Microbiology).....J. W. Rouatt

Dominion Laboratory of Plant Pathology, Harrow

Junior Bacteriologist (Soil Microbiology).....Vacant

British Columbia*Experimental Station, Summerland*

Junior Bacteriologist (Food Microbiology).....C. O. Gitterman

DIVISION OF BOTANY AND PLANT PATHOLOGY

The activities of this division cover two main phases, Economic and General Botany, and Plant Pathology and Mycology.

The work in plant pathology includes research, experimental, and administrative activities in connection with diseases affecting agricultural and horticultural crops and forest trees. The investigations involve the nature and cause of the various diseases, their effects on the plants attacked, and methods for their control—including co-operation with plant breeders in the production of disease-resistant varieties. Intimately related to the plant pathological work are the mycological investigations, the plant disease survey, and the maintenance of the National Mycological Herbarium. Special emphasis is placed on diseases of major economic importance.

The botanical work is concerned with the maintenance and development of the Dominion Arboretum and Botanic Garden; the development of a plant introduction service through a world-wide seed exchange; investigations on the

taxonomy and floristics of native and introduced plants (including the maintenance of a large herbarium); the identification of plants for specialists and the general public; investigations on the distribution and life histories of Canadian weeds and poisonous plants (through the Dominion Weed Survey); studies in cytogenetics; and research in plant physiology with special reference to herbicides and to methods of measuring photosynthetic rates.

Ottawa

Administration

Dominion Botanist and Chief of Division..... J. H. Craigie
Principal Plant Pathologist (Divisional Administration, Mycology, and Diseases of Ornamentals)..... F. L. Drayton
Junior Botanist (Divisional Administration)..... M. N. Zinck
Assistant Librarian..... Dorothy H. Luke

Botany

Senior Botanist..... H. A. Senn
Associate Botanist (Weed Investigations)..... H. Groh
Associate Botanist (Plant Physiology)..... W. H. Minshall
Associate Botanist (Plant Taxonomy)..... W. G. Dore
Associate Botanist (Plant Physiology)..... V. A. Helson
Associate Botanist (Secretary, National Weed Committee)..... R. O. Bibbey
Assistant Botanist (Cytogenetics)..... Vacant
Assistant Botanist (Weed Investigations)..... C. Frankton
Assistant Curator (Dominion Arboretum)..... A. R. T. Buckley
Junior Botanist (Weed Investigations)..... E. G. Anderson
Junior Botanist (Cytogenetics)..... R. J. Moore
Junior Botanist (Plant Taxonomy)..... Vacant
Junior Botanist (Plant Taxonomy)..... J. A. Calder
Junior Botanist (Dominion Arboretum)..... V. B. Johnson
Junior Botanist (Plant Taxonomy)..... W. J. Cody

Forest Pathology

Plant Pathologist..... A. W. McCallum
Associate Plant Pathologist..... C. G. Riley
Associate Plant Pathologist (Fredericton Sub-unit)..... A. J. Skolko
Assistant Plant Pathologist (Forest Mycology and Dutch Elm Disease)..... Ruth Macrae
Assistant Plant Pathologist (Forest Mycology)..... Mildred K. Nobles
Assistant Plant Pathologist..... L. T. White

Sub-Laboratory—Toronto

Officer-in-Charge (Forest Pathology)..... J. E. Bier

Seed-borne Diseases

Plant Pathologist..... W. C. Broadfoot
Plant Pathologist (Seed-borne Fungi and General Mycology)..... J. W. Groves
Assistant Plant Pathologist (Diseases of Forage Crops)..... R. J. H. Baylis
Junior Plant Pathologist (Seed-borne Fungi and Mycology)..... Olga V. Prodan
Junior Plant Pathologist..... V. R. Wallen
Junior Plant Pathologist (Seed-borne Bacteria)..... R. D. M. Sutton

Diseases of Horticultural Crops

Plant Pathologist..... H. N. Racicot
Assistant Plant Pathologist (Diseases of Ornamentals)..... Vacant
Assistant Plant Pathologist (Diseases of Fruit and Vegetables)..... L. T. Richardson
Junior Plant Pathologist..... J. Bocking

Mycology and Plant Disease Survey

Associate Plant Pathologist..... I. L. Connors
Assistant Plant Pathologist..... D. B. O. Savile

Prince Edward Island*Dominion Laboratory of Plant Pathology, Charlottetown*

Officer-in-Charge (Potato Diseases).....	R. R. Hurst
Associate Plant Pathologist (Potato Diseases especially those caused by Nematodes).....	G. W. Ayers
Assistant Plant Pathologist (Potato Diseases).....	L. C. Callbeck
Assistant Plant Pathologist.....	D. B. Robinson
Junior Plant Pathologist.....	W. A. Hodgson

Nova Scotia*Dominion Laboratory of Plant Pathology, Kentville*

Officer-in-Charge (Fruit Diseases).....	J. F. Hockey
Associate Plant Pathologist (Fruit Diseases).....	K. A. Harrison
Assistant Plant Pathologist (Fruit Diseases).....	D. W. Creelman
Junior Plant Pathologist (Fruit Diseases).....	Vacant
Junior Plant Pathologist.....	K. R. Rockwell

New Brunswick*Dominion Laboratory of Plant Pathology, Fredericton*

Officer-in-Charge (Virus Research).....	D. J. MacLeod
Associate Plant Pathologist (Potato Diseases).....	J. L. Howatt
Junior Plant Pathologist (Virus Diseases).....	R. H. Bagnall
Junior Plant Pathologist.....	B. H. MacNeill

Quebec*Dominion Laboratory of Plant Pathology, Ste. Anne de la
Pocatiere*

Officer-in-Charge (Diseases of Field Crops).....	C. Perrault
Assistant Plant Pathologist (Diseases of Field Crops, especially Potatoes).....	R. O. Lachance
Junior Plant Pathologist (Mycology).....	A. Payette
Junior Plant Pathologist (Diseases of Field Crops, especially Flax).....	R. Pelletier

Ontario*Dominion Laboratory of Plant Pathology, St. Catharines*

Officer-in-Charge (Virus Diseases of Fruit).....	G. H. Berkeley
Associate Plant Pathologist (Fruit Diseases).....	G. C. Chamberlain
Associate Plant Pathologist (Fruit Diseases).....	R. S. Willison
Assistant Plant Pathologist (Diseases of Vege- tables).....	J. K. Richardson
Assistant Plant Pathologist (Microbiology).....	J. J. Miller
Junior Plant Pathologist (General Plant Path- ology).....	R. G. Atkinson
Junior Plant Pathologist (Vegetable Diseases)....	W. G. Kemp
Junior Plant Pathologist (Potato Diseases).....	K. Graham

Dominion Laboratory of Plant Pathology, Harrow

Officer-in-Charge (Diseases of Tobacco and other Field Crops).....	L. W. Koch
Associate Plant Pathologist (Diseases of Corn and Soybeans).....	A. A. Hildebrand
Assistant Plant Pathologist (Field Crop Diseases).....	C. D. McKeen
Assistant Plant Pathologist (Diseases of Corn and Sugar Beets).....	J. T. Slykhuys
Junior Plant Pathologist (Diseases of Tobacco)....	R. Stover
Junior Plant Pathologist (Diseases of Sugar Beets).....	W. E. McKeen

Manitoba*Dominion Laboratory of Plant Pathology, Winnipeg*

Officer-in-Charge and Chief of the Unit—Diseases of Cereals, Clovers, Grasses and Flax.....	W. F. Hanna
Plant Pathologist (Cereal Rusts).....	T. Johnson
Plant Pathologist (Cereal Root-rots and Vegetable Diseases).....	J. A. Machacek
Associate Plant Pathologist (Plant Disease Survey and Mycology).....	W. L. Gordon

Manitoba—Continued

Associate Plant Pathologist (Bacterial Diseases)... W. A. F. Hagborg
 Assistant Plant Pathologist (Cereal Rusts)..... A. M. Brown
 Assistant Plant Pathologist (Cereal Rusts)..... B. Peturson
 Assistant Plant Pathologist (Cereal Smuts)..... W. Popp
 Assistant Plant Pathologist (Forage Crop Diseases)... W. J. Cherewick
 Assistant Plant Pathologist (Flax Diseases)..... W. E. Sackston
 Junior Plant Pathologist (Cereal Root-rots)..... H. A. H. Wallace
 Junior Plant Pathologist (Cereal Diseases)..... Vacant
 Junior Plant Pathologist (Smut Diseases)..... Eleanor M. Quinton

Saskatchewan*Dominion Laboratory of Plant Pathology, Saskatoon*

Officer-in-Charge (Cereal Diseases)..... P. M. Simmonds
 Associate Plant Pathologist (Cereal Root-rots).... B. J. Sallans
 Associate Plant Pathologist (Cereal Diseases and
 Plant Taxonomy)..... R. C. Russell
 Assistant Plant Pathologist (Vegetable Diseases)... R. J. Ledingham
 Assistant Plant Pathologist (Diseases of Cereals
 and of Forage Crops)..... H. W. Mead

Alberta*Dominion Laboratory of Plant Pathology, Edmonton*

Officer-in-Charge (Diseases of Cereals and Potatoes)..... G. B. Sanford
 Associate Plant Pathologist (Diseases of Forage Crops)..... M. W. Cormack
 Associate Plant Pathologist (Root-rots of Cereals and Diseases of Potatoes)..... L. E. Tyner
 Assistant Plant Pathologist (Potato Virus Diseases)... T. R. Davidson
 Assistant Plant Pathologist (Diseases of Cereals)... J. D. Gilpatrick
 Assistant Botanist (Plant Physiology)..... Vacant
 Junior Plant Pathologist (Forage Crop Diseases)... S. G. Fushtey
 Junior Plant Pathologist (Diseases of Cereals).... Vacant

British Columbia*Dominion Laboratory of Plant Pathology, Summerland*

Officer-in-Charge (Fruit Diseases)..... H. R. McLarty
 Associate Plant Pathologist (Diseases of Vegetables and Field Crops)..... G. E. Woolliams
 Assistant Plant Pathologist (Fruit Tree Virus Diseases)..... M. F. Welsh
 Junior Plant Pathologist (Fruit Tree Virus Diseases)..... T. B. Lott
 Junior Plant Pathologist (Fruit Diseases)..... Frances C. Mellor
 Junior Plant Pathologist (Fruit Diseases)..... Vacant

Dominion Laboratory of Plant Pathology, Vancouver

Officer-in-Charge (General Plant Pathology)..... R. E. Fitzpatrick
 Assistant Plant Pathologist (Potato Diseases).... N. S. Wright
 Junior Plant Pathologist (Seed-borne Diseases).... I. C. MacSwan

Dominion Laboratory of Plant Pathology, Saanichton

Officer-in-Charge (General Plant Pathology and Physiology)..... W. Newton
 Assistant Plant Pathologist (Diseases of Vegetables and Mycology)..... W. Jones
 Junior Plant Pathologist (Diseases of Bulbous Ornamentals)..... R. J. Hastings
 Junior Plant Pathologist (Diseases of Bulbous Ornamentals)..... J. E. Bosher

Dominion Laboratory of Plant Pathology, Victoria

Acting Officer-in-Charge (Forest Pathology)..... D. C. Buckland
 Junior Plant Pathologist (Forest Pathology)..... R. E. Foster
 Junior Plant Pathologist (Forest Pathology)..... P. J. Salisbury
 Junior Plant Pathologist (Forest Pathology)..... R. A. Waldie

DIVISION OF CHEMISTRY

This division conducts research in the chemistry of animal nutrition, food processing and preservation, plant nutrition and the processing of field and horticultural crops, soils and fertilizers, and the physical properties and methods of chemical and biological assay of vitamins and hormones.

Assistance is given to other divisions of the Department in the administration of the Feeding Stuffs Act, Meat and Canned Foods Act, Dairy Industry Act, and Maple Sugar Industry Act.

Co-operation is extended to other research divisions of the Department in providing analytical services or problems in crop breeding, animal feeding, and pest control. Advisory services are maintained for manufacturers of processed foods and for other industries involving agricultural chemistry, and for farmers in connection with soil analysis and fertilizer recommendations.

Branch laboratories are located at Kentville, N.S., and Summerland, B.C.

Ottawa

Dominion Agricultural Chemist and Chief of Division.....C. H. Robinson

Animal Nutrition

Senior Chemist in Charge.....C. J. Watson
Principal Assistant (Intermediary Metabolism)....W. M. Davidson
Principal Assistant (Nutrition Barn).....J. W. Kennedy

Food Investigation

Senior Chemist in Charge.....J. T. Janson
Assistant Chemist (Dairy Research).....Vacant
Principal Assistant (Dairy Products).....A. Langlois
Principal Assistant (Meat and Canned Foods)....H. H. Selwyn

Horticultural Chemistry

Chemist in Charge.....F. B. Johnston

Plant Chemistry

Chemist in Charge.....J. C. Woodward*
Associate Chemist and Supervisor of Technical Personnel.....R. B. Carson
Junior Chemist (Insecticides and Fungicides)....M. E. McKillican
Junior Chemist (Minor Elements).....D. Hiscox

Soils and Fertilizers

Chemist in Charge.....L. E. Wright
Chemist (Soil Research).....H. J. Atkinson
Associate Chemist (Minor Elements).....A. R. Giles
Associate Chemist (Soil Survey Problems).....R. F. Bishop
Assistant Chemist (Organic Matter).....F. J. Sowden
Assistant Chemist (Fertility and Erosion).....R. C. Turner
Principal Assistant (General Analysis).....L. M. Patry
Principal Assistant (Rapid Tests).....R. Levick

Vitamin and Physiological Research

Chemist in Charge.....A. R. G. Emslie
Chemist (Physiological Research).....C. E. Allen
Assistant Chemist (Vitamin D).....J. A. Campbell
Assistant Chemist (Vitamin A).....D. H. Laughland

Nova Scotia

Dominion Agricultural Chemistry Laboratory, Kentville

Chemist in Charge.....F. A. Herman

British Columbia

Dominion Agricultural Chemistry Laboratory, Summerland

Assistant Chemist (Plant Diseases).....C. G. Woodbridge
Assistant Chemist (Insecticides and Fungicides)....J. M. McArthur

*On loan to Pilot Flax Mill, Portage la Prairie.

DIVISION OF ENTOMOLOGY

The Division of Entomology is responsible for the administration of agricultural entomology and forest entomology. The activities of the division have for their object the protection of man and the products of agriculture, forestry, industry and commerce as well as the household, against insect damage and loss. These activities involve the study of the life-histories, habits and classification of the various insect pests, the invention of and improvement in the methods of control and the dissemination of the information arising from the studies for the use of those concerned through official publications, public address, the press and the radio. The work includes surveys of the abundance of injurious insects and general estimates of loss, the forecasting of outbreaks in advance of their occurrence, the study of the possibility of salvage of threatened agricultural products and forest resources, as well as assistance and advice to individuals, organizations and other Dominion and Provincial Government agencies in the suppression of insect outbreaks and the organization of control campaigns. Investigations into the control of injurious pests embrace studies in the use of insecticides, fumigants, dusts, and sprays, and the associated mechanical equipment including the possible utility of aircraft: the use of insect parasites and diseases of injurious insects as well as the insect control value of special cropping practices and forest management.

The division co-operates in the administration of the Destructive Insect and Pest Act and the Pest Control Products Act.

The headquarters of the Division of Entomology are located at Ottawa and studies are carried on and service rendered from twenty-four field laboratories and study centres throughout the Dominion.

Ottawa*Administration*

Dominion Entomologist and Chief of Division.....	H. G. Crawford
Chief, Field Crop Insect Investigations.....	H. L. Seamans
Chief, Forest Insect Investigations.....	J. J. de Gryse
Chief, Systematic Entomology.....	Vacant
Chief, Fruit Insect Investigations (Administered from Vineland Station, Ont.).....	W. A. Ross
Entomologist (Household and Medical Entom- ology).....	C. R. Twinn
Entomologist, Research Assistant to the Dominion Entomologist.....	Robt. Glen
Administrative Assistant to the Dominion Entom- ologist.....	J. A. Boyle
Art, Photography and Printing.....	L. B. Jameson

Field Crop Insect Investigations

Assistant Chief, Field Crop Insect Investigations (In charge, Vegetable Insect Studies).....	A. G. Dustan
Entomologist (In charge, Nematode Investiga- tions).....	A. D. Baker
Associate Entomologist (White Grubs Investiga- tions. In charge, seasonal laboratory, Mar- mora, Ont.).....	G. H. Hammond
Assistant Entomologist (Vegetable Insect Investi- gations).....	W. G. Matthewman
Junior Entomologist (Vegetable Insect Investi- gations).....	J. P. Perron

Forest Insect Investigations

Entomologist (Executive Assistant to Chief, Forest Insect Investigations).....	D. E. Gray
Associate Entomologist (In charge, Ottawa Labor- atory).....	E. B. Watson
Associate Entomologist (Reforestation and Shade Tree Insect Investigations. In charge, summer laboratory, Angus, Ont.).....	K. E. Stewart

Ottawa—Continued*Systematic Entomology*

- Entomologist, Acting Chief, Systematic Entomology (Coleoptera).....W. J. Brown
 Entomologist (Hymenoptera: Ichneumonidae, Braconidae).....G. S. Walley
 Associate Entomologist (Hymenoptera: Chalcididae, Apidae, Chalcidoidae).....O. Peck
 Associate Entomologist (Lepidoptera).....T. N. Freeman
 Associate Entomologist (Diptera).....G. E. Shewell
 Assistant Entomologist (Diptera).....A. Brooks
- Stored Product Insect Investigations*
 Officer-in-Charge.....H. E. Gray
 Associate Entomologist (Mite Investigations).....H. H. J. Nesbitt

Prince Edward Island*Dominion Entomological Laboratory, Charlottetown*

- Officer-in-Charge, Field Crop and Vegetable Insect Investigations.....F. M. Cannon

Nova Scotia*Dominion Entomological Laboratory, Annapolis Royal*

- Officer-in-Charge, Fruit Insect Investigations....A. D. Pickett
 Associate Entomologist (Orchard Insecticide Investigations).....N. A. Patterson
 Assistant Entomologist (Bionomics of Fruit Insects)H. A. Stultz
 Assistant Entomologist (Insecticide Investigations)F. T. Lord
 Assistant Entomologist (Insect Transmission of Virus Disease).....D. M. MacLeod
 Junior Entomologist (Soil Insect Population)....A. W. MacPhee

New Brunswick*Dominion Entomological Laboratory, Fredericton*

- Officer-in-Charge, Forest Insect Investigations....R. E. Balch
 Associate Entomologist (Forest Insect Survey, Maritimes and Newfoundland).....W. A. Reeks
 Associate Entomologist (In charge, Green River Laboratory).....R. F. Morris
 Assistant Entomologist (Extension Entomology—Forest Insects).....L. J. Simpson
 Assistant Entomologist (Insect Transmission of Virus Disease).....F. T. Bird
 Acting Officer-in-Charge, Field Crop Insect Investigations (Potato Aphid Investigations).....J. C. Adams
 Assistant Entomologist (Field Crop Insect Investigations).....D. D. Pond
 Officer-in-Charge, Fruit Insect Investigations....C. W. B. Maxwell

Quebec*Dominion Entomological Laboratory, Hemmingford*

- Officer-in-Charge, Orchard Insect Investigations...C. E. Petch
 Assistant Entomologist (Codling Moth Investigations, St. Hilaire).....A. A. Beaulieu

Dominion Entomological Laboratory, St. Jean

- Officer-in-Charge, Vegetable and Canning Crop Insect Investigations.....J. B. Maltais

Ontario*Dominion Parasite Laboratory, Belleville*

- Officer-in-Charge.....A. B. Baird
 Associate Entomologist (Grasshopper and Wheat-stem Sawfly Investigations).....R. W. Smith
 Associate Entomologist (Corn Borer, Pea Insects, Apple Mealy Bug Studies).....G. Wishart
 Associate Entomologist (Spruce Sawfly and Budworm Studies).....A. Wilkes
 Associate Entomologist (Chief Administrative Assistant).....J. H. McLeod
 Assistant Entomologist in Charge, Sub-Laboratory, Parke Reserve, Que. (European Spruce Sawfly).....L. J. Briand
 Assistant Entomologist (Sawflies of Spruce and Pine Investigations).....L. R. Finlayson
 Assistant Entomologist (Curator of Collections)...H. G. James
 Assistant Entomologist (Oriental Fruit Worm, Codling Moth Investigations).....H. Boyce

Ontario—Continued

- Assistant Entomologist (Larch Insects and White Grub Investigations).....A. R. Graham
- Assistant Entomologist (Forest Insect Parasites)...W. G. Baldwin
- Assistant Entomologist (Forest Insect Parasites)...H. C. Coppel
- Dominion Entomological Laboratory, Vineland Station*
- Officer-in-Charge (Greenhouse Insects and Insecticide Studies).....G. G. Dustan
- Associate Entomologist (Codling Moth Studies)...W. P. G. Garlick
- Associate Entomologist (Fruit Tree Nursery Stock Insects and Insecticide Studies).....W. L. Putman
- Assistant Entomologist (Stone Fruit and Pear Insect Studies).....T. Armstrong
- Junior Entomologist.....J. J. H. Phillips
- Sub-Laboratory, Simcoe*
- Officer-in-Charge, Apple Insect Investigations.....J. A. Hall
- Sub-Laboratory, Harrow*
- Officer-in-Charge, Fruit Insect Investigations....Vacant
- Dominion Entomological Laboratory, Chatham*
- Officer-in-Charge, Field Crop Insect Investigations.G. M. Stirrett
- Assistant Entomologist (Forage Crop Investigations).....D. A. Arnott
- Assistant Entomologist (Vegetable Insect Investigations).....J. E. Armand
- Assistant Entomologist (Preparation Exhibition Materials).....A. A. Wood
- Junior Entomologist (Corn Borer Investigations) .H. B. Wressell
- Dominion Entomological Laboratory, Sault Ste. Marie*
- Officer-in-Charge, Forest Insect Investigations...M. L. Prebble
- Entomologist (Genetics Investigations).....S. G. Smith
- Entomologist (Insect Pathology Investigations)...K. Graham
- Entomologist (Physiologist).....A. J. Thorsteinson
- Entomologist (Biometrician).....Vacant
- Associate Entomologist (Study of Meteorological and Other Physical Factors).....W. G. Wellington
- Associate Entomologist (Co-ordination of Forest Insect Surveys).....C. R. Douglas
- Associate Entomologist (Bacteriologist—Insect Pathology).....Vacant
- Associate Entomologist (Mycologist—Insect Pathology).....Vacant
- Insect Ranger (In Charge, Forest Insect Rangers)J. E. MacDonald

Manitoba

- Dominion Entomological Laboratories, Winnipeg*
- Officer-in-Charge, Forest Insect Investigations (University of Manitoba).....R. R. Lejeune
- Assistant Entomologist (Forest Insect Survey)...W. C. McGuffin
- Officer-in-Charge, Stored Product Insect Investigations (Dominion Public Building).....B. N. Smallman
- Dominion Entomological Laboratory, Brandon*
- Officer-in-Charge, Field Crop Insect Investigations.R. D. Bird
- Assistant Entomologist (Toxicology and Physiology Studies).....W. R. Allen
- Assistant Entomologist (Grasshopper Investigations).....D. S. Smith
- Junior Entomologist (Grasshopper Investigations)E. M. Northcott

Saskatchewan

- Dominion Entomological Laboratory, Indian Head*
- Officer-in-Charge, Forest Insect Investigations(Shelterbelt and Prairie Plantings Insect Control)..L. O. T. Peterson
- Assistant Entomologist (Forest Insect Survey—Shade Tree Insects).....J. Hitchon
- Junior Entomologist (Forest Insect Survey).....E. M. Sandercock
- Dominion Entomological Laboratory, Saskatoon*
- Officer-in-Charge, Field Crop Insect Investigations.A. P. Arnason
- Associate Entomologist (Cutworm Investigations).H. McDonald
- Associate Entomologist (Grasshopper Investigations).....H. W. Moore
- Assistant Entomologist (Forage Crop Insect Investigations).....H. McMahon
- Junior Entomologist (Wireworm Investigations)...W. B. Fox

Officer-in-Charge, Field Crop Insect Investigations.	G. F. Manson
Entomologist (Wheat Stem Sawfly Studies).....	C. W. Farstad
Entomologist (Warble Fly Control Studies).....	R. H. Painter
Associate Entomologist (Grasshopper Investiga- tions).....	R. M. White
Associate Entomologist (Alfalfa and Clover Insects and Effects of Temperature on Insect Studies).	R. W. Salt
Associate Entomologist (Say Stink Bug and Cut- worm Investigations).....	L. A. Jacobson
Assistant Entomologist (Tillage Control for Grass- hoppers).....	L. G. Putnam
Junior Entomologist (Forage Crop Investigations).	G. A. Hobbs

Officer-in-Charge, Forest Insect Investigations....G. R. Hopping
Assistant Entomologist (Bark Beetles and Spruce
Budworm Studies).....W. G. Mathers
Assistant Entomologist (Forest Insect Survey)...Vacant
Junior Entomologist (Western Hemlock Looper,
Lodge Pine Needle Investigations).....D. K. Campbell

Officer-in-Charge, Field Crop Insect Investigations (Grasshoppers).....	E. R. Buckell
Entomologist (In charge, Western Canada Grass- hopper Investigations).....	R. H. Handford
Assistant Entomologist (Vegetable Insects).....	C. L. Neilson
Officer-in-Charge, Livestock Insect Investigations (Tick and Cattle Louse Investigations).....	J. D. Gregson
Assistant Entomologist (Fleas and Warble Fly Investigations).....	G. P. Holland

Officer-in-Charge, Field Crop Insect Investigations
(Potato Flea Beetles, Slugs and Hop Insect
Investigations).....R. Glendenning

Officer-in-Charge, Forest Insect Investigations . . .	H. Richmond
Officer-in-Charge, Fruit Insect Investigations . . .	H. Anderson
Officer-in-Charge, Field Crop Insect Investigations	K. M. King

The Plant Protection Division is responsible for the enforcement of regulations under the Destructive Insect and Pest Act in respect to import and export shipments of plants and plant products and for the certification, after inspection in the field, in storage, and at shipping points, of potatoes as seed potatoes. The division maintains domestic insect and plant disease quarantines and enforces preventive measures against the introduction of new pests. Certificates of health are issued to meet the requirements of importing countries in respect to plants and plant products exported.

Chief, Plant Protection Service.....	W. N. Keenan
Associate Chief, Plant Protection Service.....	W. A. Fowler
Assistant Chief, Plant Protection Service.....	J. W. Scannell
Supervising Inspectors.....	S. H. Short
	P. N. Vroom
Senior Inspector.....	O. W. Lachaine
Principal Agricultural Assistant.....	M. R. Baker

Prince Edward Island

District Inspector S. G. Peppin,
Seed Potato Certification,
Laboratory of Plant Pathology,
Charlottetown.

Nova Scotia

District Inspector R. G. Webber,
Plant Inspection Office,
Room 417,
Dominion Public Bldg.,
Halifax.

District Inspector R. C. Layton,
Seed Potato Certification,
Dominion Experimental Station,
Kentville.

New Brunswick

District Inspector A. Finnamore,
Plant Inspection Office,
Customs Bldg.,
Saint John.

District Inspector C. H. Godwin,
Seed Potato Certification,
Customs Bldg.,
Fredericton.

Quebec

District Inspector B. Baribeau,
Seed Potato Certification,
Post Office Building,
Ste. Anne de la Pocatière.

District Inspector L. R. Gagnon,
Plant Inspection Office,
2 Avenue Chauveau,
Quebec.

District Inspector W. St. G. Ryan,
Plant Inspection Office,
105 McGill St.,
Montreal.

Supervising Inspector N. P. Beaudoin,
Plant Inspection Office,
105 McGill St.,
Montreal.

Agricultural Scientist H. A. U. Monro,
In Charge Fumigation Station,
785 Mill St.,
Montreal.

Ontario

District Inspector C. Copeland,
Plant Inspection Office,
21 Lombard St.,
Toronto.

District Inspector W. L. S. Kemp,
Seed Potato Certification,
Ontario Agricultural College,
Guelph.

District Inspector H. W. Whiteside,
Seed Potato Certification,
Post Office Box 129,
Barrie.

District Inspector R. W. Sheppard,
Plant Inspection Office,
Federal Bldg.,
Niagara Falls.

Inspector in Charge F. J. Hudson,
Plant Inspection Office,
412 Dominion Public Bldg.,
London.

District Inspector W. R. Lapp,
Plant Inspection Office,
507 Canada Bldg.,
Windsor.

Manitoba

District Inspector.....C. A. S. Smith,
Plant Inspection Office,
722 Dominion Public Bldg.,
Winnipeg.

District Inspector.....D. J. Petty,
Seed Potato Certification,
722 Dominion Public Bldg.,
Winnipeg.

Saskatchewan

District Inspector.....P. C. Brown,
Plant Inspection Office,
Post Office Bldg.,
Estevan.

Senior Inspector.....A. Charlebois,
Plant Inspection Office,
Post Office Bldg.,
Estevan.

Alberta

District Inspector.....J. W. Merritt,
Seed Potato Certification
(Alberta and Saskatchewan),
Room 408, Blowey-Henry Bldg.,
Edmonton.

British Columbia

District Inspector.....H. F. Olds,
Plant Inspection Office,
514 Federal Bldg.,
Vancouver.

District Inspector.....H. S. MacLeod,
Seed Potato Certification,
514 Federal Bldg.,
Vancouver.

District Inspector.....J. Noble,
Plant Inspection Office,
Parliament Bldgs.,
Victoria.

Senior Inspector.....E. R. Bewell,
Seed Potato Certification,
Parliament Bldgs.,
Victoria.

EXPERIMENTAL FARMS SERVICE

DIRECTOR—E. S. ARCHIBALD

The Experimental Farms Service is completely equipped to conduct experimental and research work in connection with practical farm problems in all parts of the Dominion, and to demonstrate its findings to those in a position to put them into practice.

In addition to the Central Experimental Farm at Ottawa, there are 24 branch farms and stations, several specialized stations, 9 substations, and 45 district experiment substations, as well as 161 illustration stations. At the Central Experimental Farm are located the office of the Director and the headquarters of the staffs of the ten divisions into which the work of the farm is divided.

ADMINISTRATION

Director.....E. S. Archibald
Associate Director.....E. S. Hopkins
Assistant to Director.....H. C. Ensor
Research Assistant.....W. Dickson

ANIMAL HUSBANDRY DIVISION

The Animal Husbandry Division is responsible for the carrying on of extensive experimental work, at Ottawa and at branch farms throughout the Dominion, relating to the breeding, feeding, housing and management of the various classes of domestic livestock, in co-operation with the Division of Chemistry, Science Service.

The work includes laboratory studies in animal nutrition, including determination of digestibility of feeding stuffs, effect of plane of nutrition on digestibility of feeds, and biological value of feed proteins; the evaluation of pasture improvement practices and of various feeding stuffs as component parts of fattening rations; a study of practical and economical rations for growth and production; studies of breeding methods based on production records of dams and on progeny tests of sires and investigations dealing with the prevention and elimination of certain animal diseases and of parasites, the latter in co-operation with the Institute of Parasitology, Macdonald College.

Dominion Animal Husbandman.....	G. W. Muir
Chief Assistant (In charge Swine).....	E. B. Fraser
Assistant (In charge Beef Cattle and Sheep).....	P. E. Sylvestre
Assistant (In charge Dairy Cattle and Dairying).....	C. D. MacKenzie
Assistant (Swine).....	J. G. Stothart
Assistant (Beef Cattle and Sheep).....	S. B. Williams
Assistant (Dairy Cattle).....	V. S. Logan

BEE DIVISION

This division is responsible for experimental work in breeding, swarm control, wintering, colony manipulation and other phases of practical bee-keeping. It also carries on extensive studies in relation to the keeping qualities of honey, fermentation, and honey storage.

Dominion Apiarist.....	C. B. Gooderham
Assistant.....	C. A. Jamieson

CEREAL DIVISION

This division is engaged in the creation, testing and introduction of superior varieties of cereals and leguminous grains, field beans, buckwheat, and flax of the seed-bearing type. The creation of new types is concentrated chiefly at the Experimental Farm at Ottawa, while at the Dominion Laboratory of Cereal Breeding at Winnipeg work is centred on the development of disease-resistant varieties of wheat and oats. The breeding of sawfly-resistant varieties is centred at the Experimental Station at Swift Current, Saskatchewan. Among the many other activities of this division are the investigation of varieties of grain for which a licence has been requested in accordance with the Canada Seed Act, the encouragement of the use of good seed of adapted varieties, the conducting of verification tests to determine the genuineness and purity of seed stocks and the investigation of special problems which have a bearing on cereal breeding and development work.

Dominion Cerealist.....	L. H. Newman
Assistant (Spring Wheat).....	J. G. C. Fraser
Assistant (Barley and Peas).....	P. R. Cowan
Assistant (Winter Wheat and Rye).....	A. G. O. Whiteside
Assistant (Oats).....	R. A. Derick
Assistant (Flax, Beans and Buckwheat).....	W. G. McGregor
Assistant (Wheat).....	F. Gfeller

FIBRE DIVISION

The Fibre Division is responsible for all investigational work relating to the production of fibre crops in Canada, and for the study of problems involved in the growing and marketing of these fibres. This includes variety tests, fertilizer tests, plant breeding, machinery tests and related investigational work. Flax is the principal fibre crop dealt with.

The Pilot Flax Mill at Portage la Prairie, opened in 1944, is responsible for investigational work very similar to that done at Ottawa only under Western Canada conditions. In addition, investigational work relating to linseed flax straw and its uses in the manufacture of currency, cigarette paper, linen bond, building papers, etc., is carried on.

Chief, Fibre Division.....	R. J. Hutchinson
Assistant.....	E. M. MacKey
Assistant.....	L. A. Cabana
Assistant.....	R. H. Turley

FIELD HUSBANDRY, SOILS, AND AGRICULTURAL ENGINEERING DIVISION

This division, co-operating with other divisions, conducts work covering soil surveys, soil cultivation and management, soil fertility, wind and water erosion control, soil moisture and temperature relations, crop rotations, and harvesting experiments. In Agricultural Engineering, studies are made in the use and efficiency of farm machinery, drainage, irrigation, farm power, land clearing, machinery development, and electrification. Meteorological records are kept at all branch stations and assembled by this division.

Dominion Field Husbandman.....	P. O. Ripley
Assistant (Soil Surveys).....	A. Leahey
Assistant (Soil Surveys).....	P. C. Stobbe
Assistant (Cartography).....	H. Nicol
Assistant (Agricultural Engineering).....	J. M. Armstrong
Assistant (Agricultural Engineering).....	W. Kalbfleisch
Assistant (Agricultural Engineering).....	D. J. Cooper
Assistant (Soil Fertility).....	A. J. MacLean
Assistant (Weed Eradication).....	G. Knowles

Soil Surveys in co-operation with Provincial Universities and Departments of Agriculture:

Prince Edward Island.....	Dom. Experimental Farm, Charlottetown.....	G. B. Whiteside
Nova Scotia.....	Agricultural College, Truro.....	D. B. Cann
New Brunswick.....	University of N.B., Fredericton.....	R. E. Wicklund
Quebec.....	Macdonald College, Quebec.....	P. Lajoie
Ontario.....	Ontario Agricultural College, Guelph.....	N. R. Richards
Manitoba.....	University of Manitoba, Winnipeg.....	W. Ehrlich
Saskatchewan.....	University of Saskatchewan, Saskatoon.....	H. C. Moss
Alberta.....	University of Alberta, Edmonton.....	W. E. Bowser
British Columbia.....	University of British Columbia, Vancouver.....	L. Farstad

FORAGE PLANTS DIVISION

Special attention is given by this division to the improvement of forage crop production in Canada by the introduction of new species from foreign countries, by variety tests of native and foreign species, and by hybridization and selection to develop new species. Other important activities relate to the technique of seed production, pasture studies, variety testing, range investigations and turf

grass experiments. At the Dominion Forage Crops Laboratory at Saskatoon, in co-operation with the University of Saskatchewan, special attention is being given to the development of early-maturing, hardy and drought-resistant strains of forage plants adapted to the Prairie Provinces.

Dominion Agrostologist.....	T. M. Stevenson
Assistant (Corn, Soybeans, etc.).....	F. Dimmock
Assistant (Alfalfa and Clover).....	J. M. Armstrong
Assistant (Grass and Seed).....	R. M. MacVicar
Assistant (Hay and Pasture).....	F. S. Nowosad
Assistant (Turf Research).....	J. H. Boyce
Assistant (Field Roots and Sunflowers).....	E. J. Doyle
Assistant (Plant Breeding).....	H. A. McLennan
Assistant (Plant Breeding).....	W. R. Childers

HORTICULTURE DIVISION

This division deals with problems of fruit growing, vegetable gardening and ornamental plants. The work includes the breeding of new and better varieties, studies in plant nutrition, the production of fruit juices, dehydration, the production of foundation and elite stock vegetable seed, purity tests of vegetables, and cold storage experiments. The division also co-operates with* farmers in orchard experiments and in blueberry and cranberry investigations.

Dominion Horticulturist.....	M. B. Davis
Horticulturist (Vegetable Crops).....	W. Ferguson
Assistant Horticulturist (Vegetable Crops).....	L. H. Lyall
Senior Horticulturist (Co-operative Experiments).....	F. S. Browne
Senior Horticulturist (Plant Physiology).....	H. Hill
Associate Horticulturist (Plant Physiology).....	C. A. Eaves
Senior Horticulturist (Pomology).....	D. S. Blair
Horticulturist (Genetics and Cytology).....	A. W. S. Hunter
Associate Horticulturist (Fruit and Vegetable Products).....	M. MacArthur
Assistant Horticulturist (Fruit and Vegetable Products).....	E. P. Grant
Horticulturist (Ornamental Horticulture).....	R. W. Oliver
Horticulturist (Low Temperature Research).....	W. R. Phillips
Artist.....	A. Kellett
Statistician.....	H. B. Cannon
Associate Horticulturist (Potato Investigations).....	N. M. Parks
*Horticulturist (Native Fruits).....	E. L. Eaton

ILLUSTRATION STATIONS DIVISION

The 161 illustration stations supervised by this division are located on privately-owned farms throughout the Dominion, the owners of which have entered into co-operative agreements with the Department to carry on specified work under direction. These stations serve as connecting links between the experimental farms and the farmers of Canada. They provide an organization through which experimental results may be further tested and verified under practical farm conditions. They furnish the medium through which improved methods in animal and field husbandry are demonstrated. They also provide an opportunity to study, in their natural environment, local agricultural problems of production. On 45 district experiment substations problems relating to drought and soil-drifting are dealt with.

Chief Supervisor of Illustration Stations.....	J. C. Moynan
Assistant to Chief Supervisor of Illustration Stations.....	A. E. Barrett
Supervisor.....	L. M. Casserly
Supervisor.....	L. J. Bellefeur
Supervisor.....	R. R. Cairns

*Headquarters at Dominion Experimental Station, Kentville, N.S.

POULTRY DIVISION

This division conducts experimental work in the various branches of poultry husbandry, including breeding, housing, incubation, brooding, rearing, nutrition and the preparation of poultry products for the market. In co-operation with the Health of Animals Division, experiments are conducted on the control and eradication of poultry diseases.

Acting Dominion Poultry Husbandman.....	H. S. Gutteridge
Assistant (Water Fowl and Turkeys).....	A. G. Taylor
Assistant (Nutrition).....	S. Bird
Assistant (Nutrition).....	M. Novikoff
Assistant (Genetics).....	A. S. Johnson
Senior Agrl. Assistant.....	J. L. Roy

TOBACCO DIVISION

This division is responsible for all experimental work carried on in Canada in connection with the development of the tobacco industry. Its activities embrace plant breeding, conducting of variety tests, the investigation of cultural methods, research on problems of fertilizers and soils, the study of harvesting and curing methods, and the control of diseases and insects. A close co-operative relationship has been developed with the Department of Trade and Commerce in opening up new outlets for Canadian leaf.

Chief, Tobacco Division.....	N. A. MacRae
Assistant (Agronomy).....	L. E. Gilmore
Assistant (Physiology).....	G. M. Ward
Assistant (Nutrition).....	E. T. McEvoy

BRANCH FARMS AND STATIONS

Prince Edward Island

Experimental Station, Charlottetown

Superintendent.....	R. C. Parent
Assistant (Cereals and Poultry).....	B. F. Tinney
Assistant (Agronomy).....	D. C. Schurman
Assistant.....	G. C. Warren
Supervisor (Illustration Stations).....	W. N. Black

Experimental Fox Ranch, Summerside

Superintendent.....	C. K. Gunn
Assistant (Nutrition).....	L. M. Bezeau

Nova Scotia

Experimental Station, Kentville

Superintendent.....	A. Kelsall
Assistant (Pomology).....	R. D. L. Bligh
Assistant (Field Crops).....	J. S. Leefe
Assistant (Vegetables).....	E. W. Chipman
Assistant (Fruit Products).....	G. W. Hope
Supervisor (Illustration Stations).....	F. B. Kinsman

Experimental Farm, Nappan

Superintendent.....	W. W. Baird
Assistant (Animal and Field Husbandry).....	Vacant
Assistant (Agronomy).....	J. D. E. Sterling
Assistant (Animal Nutrition).....	C. D. T. Cameron
Agricultural Engineer.....	J. W. F. Byers
Supervisor (Illustration Stations).....	H. A. Rogers

New Brunswick

Experimental Station, Fredericton

Superintendent.....	S. A. Hilton
Assistant (Agronomy).....	J. M. F. MacKenzie
Assistant (Horticulture).....	L. C. Young
Assistant (Animal and Poultry Husbandman).....	L. Griesbach
Assistant (Field Husbandry).....	T. C. Chiasson
Assistant (Horticulture).....	H. T. Davies
Supervisor (Illustration Stations).....	Vacant
Supervisor (Illustration Stations).....	E. A. Grant

Quebec*Experimental Station, Ste. Anne de la Pocatière*

Superintendent.....	J. R. Pelletier
Assistant (Animal Husbandry).....	J. H. Girard
Assistant (Field Husbandry).....	J. E. Godbout
Assistant (Forage Crops).....	F. M. Gauthier
Supervisor (Illustration Stations).....	R. Caron

Experimental Station, Lennoxville

Superintendent.....	J. A. Ste. Marie
Assistant (Field Husbandry).....	W. S. Richardson
Assistant (Animal Husbandry).....	G. Lalande
Assistant.....	L. J. P. Gervais
Assistant (Soils).....	B. J. Finn
Supervisor (Illustration Stations).....	J. O. P. Allard

Experimental Station, L'Assomption

Superintendent.....	R. Bordeleau
Associate Superintendent (Horticulture).....	C. E. Ste. Marie
Assistant (Soils).....	J. A. Bélanger

Experimental Station, Normandin

Superintendent.....	J. A. Belzile
Assistant.....	J. E. Laplante
Supervisor (Illustration Stations).....	G. Provencher

Ontario*Experimental Station, Harrow*

Superintendent.....	H. F. Murwin
Assistant (Tobacco).....	R. J. Haslam
Assistant (Horticulture).....	T. B. Harrison
Assistant (Forage Crops).....	C. W. Owen
Assistant (Forage Crops).....	G. F. H. Buckley
Assistant (Forage Crops).....	C. G. Mortimore
Assistant (Forage Crops).....	J. W. Aylesworth
Assistant.....	W. A. Scott
Assistant (Vegetables).....	L. F. Ounsworth

Experimental Substation, Delhi

Officer-in-Charge.....	F. A. Stinson
Assistant.....	L. S. Vickery

Experimental Station, Kapuskasing

Superintendent.....	E. T. Goring
Assistant (Animal Husbandry).....	J. U. Pilon
Assistant (Agronomy).....	M. R. Wiancko
Supervisor (Illustration Stations).....	F. X. Gosselin

District Experiment Substation, Fort William

Supervisor (Illustration Stations).....	J. K. Knights
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Manitoba*Experimental Farm, Brandon*

Superintendent.....	R. M. Hopper
Assistant (Bees and Horticulture).....	E. Braun
Assistant (Cereals).....	W. H. Johnston
Assistant (Forage Crops).....	E. J. Britten
Supervisor (Illustration Stations).....	D. A. Brown

Experimental Station, Morden

Superintendent.....	W. R. Leslie
Assistant (Animal and Field Husbandry).....	W. J. Breakey
Assistant (Fruit Breeding).....	C. R. Ure
Assistant (Vegetable Breeding).....	C. Walkof
Assistant (Fruit Vegetable Processing).....	A. L. Shewfelt

Manitoba—Continued*Cereal Breeding Laboratory, Winnipeg*

Officer-in-Charge.....	C. H. Goulden
Assistant (Wheat Breeding).....	R. F. Peterson
Assistant (Oat Breeding).....	J. N. Welsh
Assistant (Cereals).....	J. G. Darroch

Saskatchewan*Experimental Farm, Indian Head*

Superintendent.....	W. H. Gibson
Assistant (Horticulture).....	Vacant
Assistant (Agronomy).....	J. G. Davidson
Assistant (Agronomy).....	E. V. McCurdy
Assistant (Agronomy).....	E. S. Molberg
Assistant (Animal Husbandry).....	W. W. Cram
Supervisor (Illustration Stations).....	E. Buglass

Experimental Substation, Regina

Assistant.....	J. R. Foster
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Forest Nursery Station, Indian Head

Superintendent.....	J. Walker
Assistant (Forestry Engineering).....	C. A. Edwards
Forest Assistant.....	H. W. Lennox
Forest Assistant.....	D. MacDonald
Assistant (Horticulture).....	W. H. Cram

Forest Nursery Station, Sutherland

Superintendent.....	W. L. Kerr
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Experimental Station, Swift Current

Superintendent.....	L. B. Thomson
Assistant (Agricultural Engineering).....	G. N. Denike
Assistant (Field Husbandry).....	P. J. Janzen
Assistant (Plant Breeding).....	A. W. Platt
Assistant (Senior Ecological Botanist).....	S. E. Clarke
Assistant (Ecological Botanist).....	E. W. Tisdale
Assistant (Cereals).....	B. C. Jenkins
Assistant (Forage Crops).....	R. E. McKenzie
Assistant (Forage Crops).....	D. H. Heinrichs
Supervisor (Illustration Stations).....	N. A. Korven

Experimental Station, Melfort

Superintendent.....	M. J. McPhail
Assistant (Agronomy).....	H. R. Ballantyne
Supervisor (Illustration Stations).....	R. H. Anderson

Experimental Station, Scott

Superintendent.....	G. D. Matthews
Assistant (Animal Husbandry).....	E. VanNise
Assistant (Agronomy).....	A. G. Kusch
Assistant (Forage).....	H. W. Williams
Assistant (Field Husbandry).....	H. A. Friesen
Assistant (Soils).....	E. F. Maas
Supervisor (Illustration Stations).....	C. H. Keys

Forage Crops Laboratory, Saskatoon

Officer-in-Charge.....	W. J. White
Assistant.....	J. L. Bolton
Assistant (Grass Breeding).....	R. P. Knowles

Alberta*Experimental Station, Lacombe*

Superintendent.....	G. E. DeLong
Assistant (Animal and Poultry Husbandry).....	H. E. Wilson
Assistant.....	A. D. McFadden
Assistant (Field Husbandry).....	H. N. W. Leggett
Assistant (Forage Crops).....	H. B. Stelfox
Supervisor (Illustration Stations).....	A. W. Wilton

Alberta—Continued*Experimental Station, Lethbridge*

Superintendent.....	A. E. Palmer
Assistant (Animal and Poultry Husbandry).....	K. Rasmussen
Assistant (Agronomy).....	W. D. Hay
Assistant (Field Husbandry and Illustration Stations).....	H. Chester
Assistant.....	R. W. Peake
Assistant (Animal Husbandry).....	W. N. MacNaughton
Assistant (Wool Research).....	S. B. Slen
Assistant (Soils).....	R. L. Erdman
Assistant (Horticulture).....	I. L. Nonnecke
Assistant (Sugar Beets).....	K. W. Hill
Assistant (Animal Nutrition).....	F. Whiting

Dominion Range Experiment Station, Manyberries

Superintendent.....	H. J. Hargrave
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Experimental Station, Beaverlodge

Acting Superintendent.....	E. C. Stacey
Assistant (Agronomy).....	A. C. Carder
Assistant.....	J. F. Moore
Supervisor (Illustration Stations).....	C. H. Anderson

Experimental Substation, Fort Vermilion

Officer-in-Charge.....	V. J. Lowe
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British Columbia*Experimental Farm, Agassiz*

Superintendent.....	W. H. Hicks
Assistant (Agronomy).....	M. F. Clarke
Assistant (Soils).....	B. A. Dickson
Assistant (Horticulture).....	T. H. Anstey
Assistant (Cereals).....	D. K. Taylor
Supervisor (Illustration Stations).....	R. M. Hall

Experimental Station, Prince George

Superintendent.....	F. V. Hutton
Assistant (Agronomy).....	W. T. Burns

Experimental Station, Summerland

Superintendent.....	R. C. Palmer
Assistant (Fruit Harvesting and Storage).....	J. E. Britton
Assistant (Fruit Products).....	F. E. Atkinson
Assistant (Horticulture).....	A. J. Mann
Assistant (Soil Fertility and Soil Moisture).....	J. C. Wilcox
Assistant (Fruit Products).....	C. C. Strachan
Assistant (Animal Husbandry and Forage Crops).....	S. R. Noble
Assistant.....	D. V. Fisher

Experimental Station, Saanichton

Superintendent.....	J. J. Woods
Assistant (Horticulture).....	E. R. Hall
Assistant (Horticulture).....	R. M. Adamson
Assistant.....	H. J. Kemp
Assistant.....	J. H. Crossley
Assistant.....	E. C. Reid

Experimental Substation, Smithers

Officer-in-Charge.....	K. MacBean
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District Experiment Substation, Creston

Supervisor (Illustration Stations).....	F. M. Chapman
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Experimental Substation, Fort Simpson

Assistant in Charge.....	J. A. Gilbey
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PRODUCTION SERVICE

DIRECTOR—R. S. HAMER

The Production Service gives national leadership in organizing agricultural production. It co-ordinates the work of the Dominion and provincial field staffs in interpreting to farmers ways to profitable production derived from activities of the Experimental Farms and Science Services, and from the intimate association of the Marketing Service with agricultural commerce. It is responsible for the administration of the Live Stock Pedigree Act; of Acts designed to prevent the introduction and spread of diseases of animals and to ensure freedom from disease in animal products exported, and of Acts standardizing sale in the domestic market of meat and canned foods, seed, feeding stuffs, fertilizers, hay, agricultural poisons, straw and binder twine.

ADMINISTRATION

Ottawa

Director.....	R. S. Hamer
Assistant Director, Production Service, Health of Animals Division and Veterinary Director General.....	T. Childs
Assistant Director, Production Service, Livestock and Poultry Division.....	J. M. McCallum
Associate Director, Production Service, Plant Products Division.....	N. Young
Assistant to Director.....	L. A. Bissell

HEALTH OF ANIMALS DIVISION

The Health of Animals Division administers the Animal Contagious Diseases Act, under which there has been established a Dominion-wide veterinary inspection service to protect Canadian livestock against the introduction and spread of scheduled diseases. It also administers the Meat and Canned Foods Act, with the exception of the Orders in Council relating to the processing of fruits, vegetables, dairy products and canned fish. This Act is compulsory in respect to establishments in which animals are slaughtered, or in which any parts or products thereof are prepared for food for interprovincial or export trade. It also administers various policies including the restricted area policy for the control and eradication of bovine tuberculosis, as well as optional policies for the control of this disease and Bang's disease.

Ottawa

Assistant Director, Production Service, and Veterinary Director General.....	T. Childs
Chief Veterinary Inspector, Animal Contagious Diseases.....	Orlan Hall
Chief Veterinary Inspector, Meat Inspection.....	F. Parmiter
Associate Chief Veterinary Inspector, Animal Con- tagious Diseases.....	K. F. Wells
Associate Chief Veterinary Inspector, Meat Inspection.....	G. A. Rose

New Brunswick

District Veterinary Inspector In charge of Maritime Provinces.....	A. R. C. Lundie, P.O. Box 338, 441 P.O. Bldg., Moncton.
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Quebec

District Veterinary Inspector.....	J. N. L. Couture, Room 405, Confederation Bldg., 1253 McGill College Ave., Montreal 2.
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Ontario

District Veterinary Inspector.....Wm. Moynihan,
366 Keele St.,
Toronto 9.

Manitoba

District Veterinary Inspector.....R. H. Lay,
613 Dominion Public Bldg.,
Winnipeg.

Saskatchewan

District Veterinary Inspector.....N. D. Christie,
Post Office Bldg.,
Regina.

Alberta

District Veterinary Inspector.....V. V. Christie,
Public Bldg., Room 414,
Calgary.

British Columbia

District Veterinary Inspector.....F. W. B. Smith,
602 Credit Foncier Bldg.,
850 Hastings St. W.,
Vancouver, B.C.

England

Veterinary Inspector.....Vacant.

LIVESTOCK AND POULTRY DIVISION

The Livestock and Poultry Division administers the Livestock Pedigree Act and the Hatchery Approval section of the Livestock and Livestock Products Act; promotes the work of Advanced Registry Boards for Dairy Cattle and Swine; maintains the R.O.P. Service for Dairy Cattle and for Poultry and the Advanced Registry Service for Swine; administers sire assistance policies in relation to horses, cattle, sheep, swine and poultry; administers assistance to fairs and exhibitions and directs the co-ordination of Dominion and provincial departmental effort to improve quality and increase returns in livestock production.

Ottawa

Assistant Director, Production Service, Livestock.....J. M. McCallum
Chief, Livestock and Poultry Production.....A. W. Peterson
Associate Chief, Livestock Production (Club Work)...E. F. Pineau
Associate Chief, Poultry Production Services.....A. D. Davey
Assistant Chief, Livestock Production (Cattle).....W. D. Davies
Assistant Chief, Livestock Production (Swine).....J. G. Lefebvre
Assistant Chief, Livestock Production (Horses).....F. J. Leslie
Assistant Chief, Livestock Production (Sheep).....J. A. Telfer
Chief Registration Officer.....A. P. MacVannel
Associate Chief Registration Officer.....J. A. Steele
Chief Record of Performance Inspector Dairy Cattle...W. L. Graham
Chief Inspector Record of Performance Poultry.....P. E. Bernier
Supervisor Hatchery Sanitation and Pullorum Disease. Vacant

Prince Edward Island

Livestock Fieldman.....H. W. Clay,
Box 489,
Charlottetown.

Poultry Fieldman.....C. S. Cranton,
Box 39,
Charlottetown.

New Brunswick

District Livestock Fieldman
(Nova Scotia and New Brunswick).....J. W. Graham,
Box 310,
Moncton.

Senior Poultry Fieldman.....A. C. Craft,
Silver Falls, R.R. No. 2,
Saint John.

Nova Scotia

Livestock Fieldman.....H. K. MacCharles,
C.N.R. Station Bldg.,
Truro.

Poultry Fieldman.....D. H. Borden,
Sheffield Mills.

Quebec

District Livestock Fieldman.....J. P. Fleury,
611 Shaughnessy Bldg.,
407 McGill St.,
Montreal.

Supervising Poultry Fieldman.....H. Dumaine,
801 Shaughnessy Bldg.,
407 McGill St.,
Montreal.

Ontario

District Livestock Fieldman.....W. S. McMullen,
6 Charles St.
Toronto.

Supervising Poultry Fieldman.....E. C. McMurtrie,
61 Victoria St.,
Toronto.

Manitoba

District Livestock Fieldman.....J. Norquay,
630 Dominion Public Bldg.
Winnipeg.

Supervising Poultry Fieldman.....S. J. Ferns,
630 Dominion Public Bldg.,
Winnipeg.

Saskatchewan

District Livestock Fieldman.....J. H. Coles,
416 Post Office Bldg.,
Regina.

Supervising Poultry Fieldman.....G. A. Stratton,
1 Mitchell Block,
Regina.

Alberta

District Livestock Fieldman
(Alberta and British Columbia).....N. Curtis,
407 Blowey-Henry Bldg.,
Edmonton.

District Supervisor, Livestock Production.....J. Byers,
409 Dominion Public Bldg.,
Calgary.

Poultry Fieldman.....B. F. Galbraith,
204 Williamson Block,
Edmonton.

British Columbia

Livestock Fieldman.....D. B. Young
605 Credit-Foncier,
Vancouver.

Supervising Poultry Fieldman.....H. D. Reid,
2448 Cambie St.,
Vancouver

PLANT PRODUCTS DIVISION

The Plant Products Division administers the Seeds Act, Feeding Stuff Act, Fertilizers Act, Pest Control Products Act, Inspection and Sale Act and the Hay and Straw Inspection Act; provides laboratory services for purity and

germination tests of seeds and for chemical and microscopical analyses of feeds, fertilizers and pesticides; directs the co-ordination of Dominion and provincial efforts to encourage the production, distribution and use of pure seed of improved strains, suitable feeds for feeding purposes, proper fertilizers for the various crops and soils and effective pesticides for pest control; assists the Canadian Seed Growers Association.

Ottawa

Associate Director, Production Service, Plant Products.....	N. Young
Chief Laboratory Services.....	W. H. Wright
Associate Chief, Laboratory Services.....	Geo. A. Elliott
Superintendent of Laboratory.....	Geo. E. Grattan
Chemist.....	C. V. Marshall
Acting Associate Chief, Inspection Services (Seed)....	Vacant
Chief, Inspection Services.....	G. S. Peart
Associate Chief, Plant Production Service.....	J. W. Mackay
Associate Chief, Inspection Services (Feed).....	W. R. White
Associate Chief, Inspection Services (Pesticides).....	A. M. W. Carter
Inspection Services Assistant (Registrations).....	P. M. Overholt
Inspection Services Assistant (Seed).....	Vacant
Inspection Services Assistant (Markets).....	H. R. Parnell

Maritime Provinces

District Supervisor.....	J. G. Clark, Box 220, Sackville, N.B.
District Analyst.....	Vacant Box 220, Sackville, N.B.

Quebec

District Supervisor.....	R. L. Thomas, 1254 Bishop St., Montreal.
District Analyst.....	J. A. Pepin, 1254 Bishop St., Montreal.

Eastern Ontario

District Supervisor.....	J. A. Dawson, 251 Besserer St., Ottawa.
District Analyst.....	Vacant

Western Ontario

District Supervisor.....	W. J. W. Lennox, 86 Collier St., Toronto.
District Analyst.....	B. F. Forward, 86 Collier St., Toronto.

Manitoba

District Supervisor.....	J. E. Blakeman, 730 Dominion Public Bldg., Winnipeg.
District Analyst.....	A. C. Heise, 730 Dominion Public Bldg., Winnipeg.

Saskatchewan

District Supervisor.....	L. Bell, 523 Federal Bldg., Saskatoon.
District Analyst.....	R. A. Ingalls, 523 Federal Bldg., Saskatoon.

Alberta

Acting District Supervisor.....C. A. Weir,
Immigration Bldg.,
Calgary.

District Analyst.....N. G. Lewis,
Immigration Bldg.,
Calgary.

British Columbia

District Supervisor.....G. M. Stewart,
Postal Station C,
Vancouver.

District Analyst.....C. T. Tapp,
Postal Station C,
Vancouver.

MARKETING SERVICE

DIRECTOR—A. M. SHAW

The Marketing Service is responsible for all activities of the Department relating to the efficient marketing of agricultural products under standard grades.

The Service centralizes administration of all grading services covering live-stock and livestock products, dairy products, poultry, eggs, fruit, vegetables, canned goods, maple products and honey and departmental advertising. It brings under central control all market reporting services for these commodities. The service to consumers is designed to centre attention on graded products and their identification and to inform consumers as to the best methods of using Canadian foods, particularly those which are in abundant supply.

Associated as a fact-finding body in connection with the economics of marketing as well as of production is the Agricultural Economics Division.

ADMINISTRATION**Ottawa**

Director.....A. M. Shaw
Associate Director, Marketing Service, Dairy Products
Division.....J. F. Singleton
Associate Director, Marketing Service, Agricultural
Economics Division.....J. F. Booth
Associate Director, Marketing Service, Fruit and Vege-
table Division.....R. L. Wheeler
Assistant Director, Marketing Service, Live Stock and
Live Stock Products Division.....L. W. Pearsall
Assistant to Director.....R. W. Neely

Attached to the administrative unit, and directly under the supervision of the Director, are the Overseas Office, the Markets Information Section and the Consumer Section.

OVERSEAS OFFICE

Agricultural Commissioner.....J. G. Robertson,
Canada House,
London, England.

MARKETS INFORMATION SECTION

The Markets Information Section co-ordinates market reporting of the several divisions of the marketing service. It functions to supply the producer of agricultural products with an interpretation of relative supply, demand and conditions, throughout the Dominion and abroad, as affecting his operations. Its most important feature is the stimulation of interest in quality production through regular reports on differentials in prices obtainable for quality products as compared with prices ruling for products of lower grades. It also serves to

give producers a lead in interpreting market trends, with a view to assisting in intelligent planning of production for future markets.

Chief, Markets Information.....	R. M. Scott
Markets Assistant.....	A. W. Ryan
Markets Assistant.....	P. A. Cossmann

CONSUMER SERVICE SECTION

All the work of the Department directed to consumers is centralized in this Section, the objective being to promote more extensive use of Canadian agricultural food products on the domestic market. The Section carries on an extensive program of experimental work to determine best methods of using various foods produced on Canadian farms. Information based on such experiments is disseminated by the Section on a national basis through exhibits and the distribution of bulletins; also through addresses and demonstrations given by members of the staff.

Another feature of the work is to acquaint consumers with the significance and value of the Departmental grading of agricultural food products.

Chief, Consumer Section.....	Laura C. Pepper
Home Economist.....	Edith L. Elliot
Home Economist.....	M. N. Casselman
Assistant Home Economist.....	Gertrude Gerlach
Assistant Home Economist.....	Dorothy O. MacKinnon
Assistant Home Economist.....	Monique Marchand
Assistant Home Economist.....	Lenore B. Newman
Assistant Home Economist.....	Ghislaine Chatel

DAIRY PRODUCTS DIVISION

This division is responsible for the administration of the Dairy Industry Act, which provides for the official grading of all cheese and butter sold for export, and under which a large percentage of both of these products sold on the domestic market is graded. The manufacture of ice cream in accordance with prescribed standards also is regulated under this Act. Under authority of the Meat and Canned Foods Act, the division issues permits to, and supervises the operation of concentrated milk establishments.

The division is responsible for the administration of the Cheese and Cheese Factory Improvement Act in accordance with which premiums are paid on account of the production of cheese scoring 93 or more points. Also under the Act, subsidies are paid on account of the amalgamation of existing cheese factories, on account of insulation and refrigeration of ripening rooms of existing cheese factories and on account of standardization of cheese pressing equipment.

It arranges and supervises refrigerated car service for butter, cheese and eggs, and supervises loading and stowage of perishable produce exported from Canada by ocean transport and the discharge at principal ports in the United Kingdom. It administers the Cold Storage Act, under authority of which the construction of cold storage warehouses in Canada may be subsidized.

The division also assembles information of value to the Department and to the industry and trade in expanding the outlet for Canadian dairy products.

Ottawa

Associate Director, Marketing Service, Dairy Products.....	J. F. Singleton
Chief, Dairy Products, Grading and Inspection Services.....	W. C. Cameron
Associate Chief, Dairy Products, Grading and Inspection Services.....	D. M. Beattie
Senior Dairy Produce Grader.....	S. R. Howe
Senior Dairy Produce Grader.....	F. D. Murphy
Chief, Dairy Products, Marketing and Merchandising Services.....	H. A. Derby
Associate Chief, Dairy Products, Grading and Inspection Services.....	D. B. Goodwillie
Head Clerk.....	W. E. Browne
Refrigeration Engineer.....	J. C. J. Lewis

Prince Edward Island

Dairy Produce Grader.....W. F. Rogerson,
82 School St.,
Charlottetown.

Nova Scotia

Dairy Produce Grader.....R. M. MacLennan,
Room 407,
Dominion Public Bldg.,
Halifax.

Inspector of Dairy Products.....E. K. Bonnyman,
109 Rockdale Ave.,
Sydney.

Inspector of Dairy Products.....G. W. Parker,
George St.,
Truro.

New Brunswick

Senior Dairy Produce Grader.....J. C. M. Wallace
Fourth Floor,
Post Office Bldg.,
Moncton.

Quebec

District Dairy Produce Grader.....T. J. Hicks,
165 Common St.,
Montreal.

Dairy Produce Grader.....Jos. Bourbonnais,
99 Dalhousie St.,
Quebec.

Senior Dairy Produce Grader.....G. A. Bourbeau,
165 Common St.,
Montreal.

Senior Dairy Produce Grader.....J. U. Maher,
165 Common St.,
Montreal.

Inspector of Dairy Products.....H. Desfossés,
1990 Baillargeon St.,
Trois-Rivières.

Inspector of Dairy Products.....R. R. Laflèche,
Apt. 317, 85 Wellington St. N.,
Sherbrooke.

Inspector of Dairy Products.....R. Bourbonnais,
P.O. Box 625,
Rimouski.

Inspector of Dairy Products.....M. Gagnon,
P.O. Box 81,
Chicoutimi.

Inspector of Dairy Products.....M. Boisclair,
P.O. Box 185,
Noranda.

Inspector of Dairy Products.....C. E. Lemay,
43 Champlain St.,
Hull.

Inspector of Dairy Products.....L. Sauvé,
P.O. Box 157,
Drummondville.

Inspector of Dairy Products.....Louis-Philippe Germain,
Apt. 1, 291 Notre Dame St.,
Thetford Mines.

Ontario

Dairy Produce Grader.....	W. E. Brennan, Kemptville.
Dairy Produce Grader.....	G. E. Clarke (Acting) 175 Front St., Belleville.
Dairy Produce Grader.....	O. H. J. White, 21 Lombard St., Toronto, 1.
Dairy Produce Grader.....	G. Bain, Room 22, Bank of Toronto, London.
Inspector of Dairy Products.....	D. R. Craig Kemptville.
Inspector of Dairy Products.....	G. A. Schroer, 60 Carrick Ave., Hamilton.
Inspector of Dairy Products.....	R. E. Carr, 320 Fifth Ave. W., North Bay.
Inspector of Dairy Products.....	A. K. Stovell, P.O. Box 339, Walkerton.

Manitoba

Senior Dairy Produce Grader.....	H. S. Anderson, Room 602, Dominion Public Bldg., Winnipeg.
Dairy Produce Grader.....	J. A. McManus, Room 602, Dominion Public Bldg., Winnipeg.
District Dairy Produce Grader.....	K. G. MacKay, Room 602, Dominion Public Bldg., Winnipeg.

Saskatchewan

Dairy Produce Grader.....	J. Adair, Post Office Bldg., Yorkton.
Dairy Produce Grader.....	R. J. Carleton, 319 Federal Bldg., Saskatoon.
Dairy Produce Grader.....	G. L. Art, 7th and Halifax Sts., Regina.

Alberta

Dairy Produce Grader.....	W. J. Beckett, New Immigration Bldg., Edmonton.
Dairy Produce Grader.....	J. Keay, 530 Calgary Public Bldg., Calgary.

British Columbia

Senior Dairy Produce Grader.....	H. A. Mason, 502 Federal Bldg., Vancouver.
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United Kingdom

Cargo Inspector.....	Archie T. Stirling, c/o Office of Agricultural Com- missioner for Canada, Canada House, Trafalgar Square, London, S.W. 1.
Cargo Inspector.....	Jos. Bent, Hall Lane, Huyton, Liverpool.
Cargo Inspector.....	J. C. Williams, 2 Moss Lane, Lydiate, Liverpool.
Cargo Inspector.....	M. J. MacDonald, 2091 Great Western Rd., Glasgow, W. 3.

FRUIT AND VEGETABLE DIVISION

This division administers regulations under the Fruit, Vegetables and Honey Act, governing the grading and packing of fruits and the grading and marking of fruits and vegetables for export, import and domestic trade, and the classification and grading of honey for export and domestic markets.

The division is also responsible for the administration of regulations under the Meat and Canned Foods Act governing the operation of some 500 establishments engaged in the canning of fruits and vegetables for interprovincial and export trade. In addition, it administers the Maple Sugar Industry Act, which provides for the inspection and grading of maple products and for proper identification of sugars or syrups resembling or imitating maple products.

Information of value in expanding the outlet for fruit, vegetables, honey and maple products is assembled and distributed by the merchandising section of the division.

Ottawa

Associate Director, Marketing Service, Fruit and Vegetables.....	R. L. Wheeler
Chief, Marketing and Merchandising.....	K. B. Conger
Assistant Chief, Marketing and Merchandising.....	F. E. Loveday
Inspection Assistant (Transportation).....	E. H. Young
Chief, Fruit and Vegetable Inspection.....	R. E. Robinson
Assistant Chief, Fruit and Vegetable Inspection.....	E. G. Paige
Inspection Assistant (Maple Products).....	C. T. Skinner
Inspection Assistant (Honey).....	F. R. Armstrong
Chief Canning Inspector.....	F. J. Perry
Supervising Inspector (Canning).....	J. J. Tofari

Prince Edward Island

District Inspector.....	C. E. Shaw, Stanley, Shaw & Peardon Bldg., P.O. Box 202, Charlottetown.
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Nova Scotia

District Inspector.....	S. B. Marshall, Dominion Public Bldg., Middleton.
Senior Inspector.....	C. W. Parker, 401 Dominion Public Bldg., Halifax.

New Brunswick

District Inspector.....W. R. Butland,
East Florenceville.

Senior Inspector.....W. L. Clark,
Customs Bldg.,
Box 345, Saint John.

Quebec

District Inspector.....W. B. H. Marshall,
170 Youville Sq.,
Montreal.

Supervising Inspector.....C. E. Dionne,
2 Chauveau Ave.,
Quebec.

Ontario (east of Toronto)

District Inspector.....C. W. Jackson,
155 Front St.,
Belleville.

Ontario (Toronto and west)

District Inspector.....H. H. Ponton,
43-44 Sun Life Bldg.,
P.O. Box 520,
Hamilton.

Supervising Inspector.....E. A. Eardley,
59 Victoria St.,
Toronto 1.

Manitoba and Saskatchewan

District Inspector.....C. Brooks,
604 Dominion Public Bldg.,
Winnipeg.

British Columbia and Alberta

District Inspector.....Wm. Read,
Russell Bldg.,
P.O. Box 940,
Vernon.

Supervising Inspector.....W. J. Coell,
802 Credit Foncier Bldg.,
Vancouver.

LIVESTOCK AND LIVESTOCK PRODUCTS DIVISION

The Livestock and Livestock Products Act, with the exception of the section relating to Hatchery Approval, is administered by this division. The regulations under the Act provide for control of trading on stockyards and for the grading of hog carcasses sold on the domestic market, of bacon exported, and of beef, lamb, eggs, poultry, wool and ranches furs, graded for both the domestic and the export market.

In addition to their primary duties, the stockyards and grading staffs are responsible for the assembling, at central markets and at packing houses, of information in regard to the volume of daily livestock sales, the number in each grade sold, ruling prices for each grade and other related information. These statistics form the basis of the reports on livestock marketing regularly issued by the Markets Information Service. Market information relating to eggs and poultry is also assembled by the field staffs of that section and form the basis of regular market reports issued with respect to those products.

Under the merchandising section of the division, a service has been established, designed to expand the outlet for livestock, livestock products and poultry products.

Ottawa

Assistant Director, Marketing Service, Livestock and Livestock Products.....	L. W. Pearsall
Chief, Livestock and Poultry Marketing and Merchandising Services.....	P. E. Light
Assistant Director, Poultry Marketing and Production Services.....	W. A. Brown
Chief, Fur Inspection and Grading Services.....	W. M. Ritchie
Chief, Poultry Products Inspection and Grading Services.....	S. C. Barry
Associate Chief, Livestock Inspection and Grading Services.....	H. J. Maybee
Assistant Chief, Poultry Inspection and Grading Services.....	E. D. Bonnyman
Supervisor, Export Standards.....	G. B. Miller
Administrative Officer.....	J. F. Haggerty
Departmental Accountant.....	D. J. Williams

Prince Edward Island

Supervising Inspector Poultry Products.....	F. M. Nash, Box 39, Charlottetown.
Livestock Products Grader.....	P.O. Box 39, Charlottetown.
Fur Grader.....	D. W. Bell, Carleton.

Nova Scotia

Supervising Inspector Poultry Products.....	C. M. MacMillan, Box 891, Halifax.
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New Brunswick

Officer-in-Charge, Livestock Grading and Marketing in Maritime Provinces (Supervising Fieldman, Production Service).....	J. W. Graham, P.O. Bldg., Moncton.
Senior Livestock Products Grader.....	M. W. Chepesuik, P.O. Bldg., Moncton.
Supervising Inspector Poultry Products.....	A. C. McCulloch, Fredericton, N.B.
Fur Grader.....	R. A. MacEachern, Room 348, Federal Bldg., Moncton.

Quebec

District Supervisor, Livestock Marketing.....	R. K. Bennett, 316 Bridge St., Montreal.
District Inspector Poultry Products.....	N. Henault, 801 Shaughnessy Bldg., Montreal.
Senior Fur Grader.....	H. J. Anderson, Room 412, St. Nicholas Bldg., 353 St. Nicholas St., Montreal.
Fur Grader.....	T. H. Lazier, Room 412, St. Nicholas Bldg., 353 St. Nicholas St., Montreal.
Fur Grader.....	C. E. Godbeer, 61 Blvd. Charest, Quebec.

Ontario

District Supervisor, Livestock Marketing.....	C. C. Lyster, 59 Victoria St., Toronto.
District Inspector Poultry Products.....	A. F. Curran, 61 Victoria St., Toronto 1.
Fur Grader.....	Wm. Newey, 61 Victoria St., Toronto 1.

Manitoba

District Supervisor, Livestock Marketing.....	L. Hancock, 630 Dominion Public Bldg., Winnipeg.
District Inspector Poultry Products.....	A. F. Darnell, 632 Dominion Public Bldg., Winnipeg.
Fur Grader.....	R. A. Wright, Room 630, Dominion Public Bldg., Winnipeg.

Saskatchewan

District Supervisor, Livestock Marketing.....	A. D. Munro, Union Stock Yards, Saskatoon.
Stockyard Agent.....	J. L. Pawley, S. Sask. Co-op. Stock Yards, Moose Jaw.
Stockyard Agent.....	J. H. Kezar, N. Sask. Co-op. Stock Yards, Prince Albert.
Livestock Products Grader.....	J. F. George, 416 Post Office Bldg., Regina.
District Inspector Poultry Products.....	M. R. Mitchell, 1856 Scarth St., Regina.

Alberta

Livestock Products Grader.....	W. G. Dunsmore Alberta Stock Yards, Calgary.
Livestock Products Grader.....	J. E. Featherstonhaugh, Edmonton Stockyards, Edmonton.
District Inspector Poultry Products.....	L. F. Dawes 204 Williamson Block, Edmonton.
Fur Grader.....	D. A. MacLachlan, 408-A Blowey-Henry Bldg., Edmonton.

British Columbia

District Inspector Poultry Products.....	G. R. Wilson, 2448 Cambie St., Vancouver.
Livestock Products Grader (Hog Grading).....	H. L. Ford, 2448 Cambie St., Vancouver.
Livestock Products Grader (Beef Grading).....	R. C. Trimble, 2448 Cambie St., Vancouver.
Fur Grader.....	N. L. Boyd, 16 E. Hastings St., Vancouver.

AGRICULTURAL ECONOMICS DIVISION

This division serves as a fact-finding body in matters relating to the economics of agriculture and includes production as well as marketing. Activities which have been undertaken and which are designed to reduce costs, improve merchandising practices and bring about a better understanding among producers, consumers and the trade, include research in agricultural co-operation, investigations of farm and ranch management practices, costs of production, land utilization, farm credit, farm mechanization, land settlement, types of farming, costs of distribution, methods and practices followed in the handling of farm products, foreign agricultural policies and factors affecting consumption of agricultural products.

The division also provides basic information for the Administration Service, and both information and technical assistance to various Boards and other agencies of the Department.

Ottawa

Associate Director, Marketing Service, Agricultural Economics.....	J. F. Booth
Principal Agricultural Economist.....	J. Coke
Principal Agricultural Economist.....	A. E. Richards
Principal Agricultural Economist.....	S. C. Hudson
Principal Agricultural Economist.....	W. F. Chown
Senior Agricultural Economist.....	A. Gosselin
Agricultural Economist.....	B. A. Campbell
Agricultural Economist.....	E. P. Reid
Associate Agricultural Economist.....	J. N. Lewis
Associate Agricultural Economist.....	G. P. Boucher
Associate Agricultural Economist.....	J. E. O'Meara
Associate Agricultural Economist.....	F. Shefrin
Associate Agricultural Economist.....	D. A. B. Marshall
Associate Agricultural Economist.....	F. M. Schrader
Assistant Agricultural Economist.....	L. S. Matthews
Assistant Agricultural Economist.....	F. Lawrence
Assistant Agricultural Economist.....	R. Choquette

Nova Scotia

Assistant Agricultural Economist.....	G. C. Retson
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Manitoba

Associate Agricultural Economist.....	H. L. Patterson
Assistant Agricultural Economist.....	H. W. Trevor

Saskatchewan

Associate Agricultural Economist.....	R. A. Stutt
Assistant Agricultural Economist.....	T. O. Riecken

Alberta

Senior Agricultural Economist.....	C. C. Spence
Assistant Agricultural Economist.....	S. Mysak
Assistant Agricultural Economist.....	T. H. Askin

British Columbia

Assistant Agricultural Economist.....	E. D. Woodward
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PRAIRIE FARM REHABILITATION ORGANIZATION

The Prairie Farm Rehabilitation Act, commonly called "P.F.R.A.", was passed by the Parliament of Canada in 1935 to provide federal assistance in rehabilitating agriculture in the low rainfall areas of the three Prairie Provinces.

The Act, as first passed, provided assistance in water development and cultural work including soil drift control, and in 1937 the scope of the Act was

extended to include land utilization and provide for rehabilitation on a community basis by building community pastures on sub-marginal lands and establishing farmers elsewhere. After the land utilization work was introduced the P.F.R.A. was re-organized and at present all cultural activities are carried on through the Experimental Farms Service, while all of the water development and land utilization activities are directed through the Prairie Farm Rehabilitation Service with headquarters at Regina, Saskatchewan. The field staff employed on these two phases of P.F.R.A. in the three provinces is supervised from the Regina office though in the case of small water developments a part of the engineering staff, in each province, works directly under the provincial water rights office. This arrangement was made in order to facilitate the work in connection with the authorization of projects under provincial statute.

ADMINISTRATION (Regina)

Director.....	George Spence
Land Ownership Investigator.....	S. F. Arthur
Office Manager.....	R. F. B. Donald

WATER DEVELOPMENT (Regina)

Superintendent.....	E. L. Gray
Assistant Superintendent.....	W. L. Jacobson
Chief Engineer.....	G. L. MacKenzie
Administrative Officer, Large Projects.....	Mark Mann

LAND UTILIZATION (Regina)

Superintendent.....	O. Freer
Assistant Superintendent.....	R. H. L. Youngman

PRAIRIE FARM ASSISTANCE ORGANIZATION

The Prairie Farm Assistance Act, which provides for benefit payments to farmers of the Prairie Provinces, in townships having low crop yields because of drought, insect damage and other causes, is administered by a Director of Prairie Farm Assistance whose headquarters are at Regina. There is a branch office at Edmonton, from which much of the administrative work for Alberta is carried out and local offices are maintained at Medicine Hat, Lethbridge, Calgary and Winnipeg. A staff of Inspectors is employed in each province, varying in size according to the immediate needs of the Prairie Farm Assistance program. There are eleven full time Supervisors in charge of the field work.

Administration (Regina)

Director of Prairie Farm Assistance.....	R. F. McGregor
Administrative Assistant.....	G. L. Bruce

Alberta (Edmonton)

Assistant Superintendent.....	A. W. Johnson
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AGRICULTURAL PRICES SUPPORT BOARD

This Board administers the Agricultural Prices Support Act, a piece of legislation designed to prevent price slumps during the transition from a wartime to a peacetime basis, and to assist in maintaining adequate and stable returns for agriculture. Members of the Board are J. G. Taggart, Chairman, Erle Kitchen and J. A. Proulx.

COMMODITY BOARDS

Operating under the Agricultural Products Act are three Commodity Boards, set up originally under the War Measures Act. These boards are being retained to facilitate the filling of food contracts. The personnel of the Boards is as follows:

MEAT BOARD

L. W. Pearsall.....	Chairman
S. E. Todd	
F. H. Auld	
W. E. Tummon	
J. A. Proulx	
F. F. Baird.....	Secretary Manager

DAIRY PRODUCTS BOARD

J. F. Singleton.....	Chairman
John Freeman	
J. F. Desmarais	
H. A. Derby.....	Secretary

SPECIAL PRODUCTS BOARD

A. M. Shaw.....	Chairman
R. S. Hamer	
W. F. Bull	
R. W. Neely.....	Secretary

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CONTROLLER OF STATIONERY
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